

# OMEX Bio 20

## FUNCTION

To maximise the production of crops at risk of damage from stress conditions caused by high temperatures, soil conditions, moisture availability and disease.

OMEX Bio 20 is formulated to supply seedlings and more mature plants with essential nutrients. OMEX Bio 20 also includes organic material derived from a single seaweed variety which has proven beneficial effects upon plants by stimulating root development. Applications of OMEX Bio 20 will promote greater root biomass and therefore maximise utilisation of moisture and nutrients.

## DESCRIPTION

OMEX Bio 20 is a highly concentrated emulsion containing macro and chelated micro elements. The organic material is seaweed derived.



## Analysis of OMEX Bio 20

			Wt/Wt*	Wt/Vol
<b>Nitrogen</b>	N		<b>13.20%</b>	20.00%
<b>Phosphate</b>	P <sub>2</sub> O <sub>5</sub>		<b>13.20%</b>	20.00%
<b>Potassium</b>	K <sub>2</sub> O		<b>13.20%</b>	20.00%
<b>Magnesium</b>	MgO		<b>1.00%</b>	1.50%
<b>Iron</b>	(EDTA)	Fe	<b>0.096%</b>	0.146%
<b>Zinc</b>	(EDTA)	Zn	<b>0.048%</b>	0.073%
<b>Copper</b>	(EDTA)	Cu	<b>0.048%</b>	0.073%
<b>Manganese</b>	(EDTA)	Mn	<b>0.048%</b>	0.073%
<b>Boron</b>		B	<b>0.019%</b>	0.029%
<b>Cobalt</b>	(EDTA)	Co	<b>0.0008%</b>	0.0012%
<b>Molybdenum</b>		Mo	<b>0.0008%</b>	0.0012%
<b>Seaweed Extract**</b>			<b>18.40%</b>	28.00%

pH (10% solution)

4.0-5.0

Specific Gravity

1.50-1.54 @ 18°C

\*For registration purposes Wt/Wt concentrations are recommended.

\*\*Also available with 3.2% Wt/Wt / 5% Wt/Vol Seaweed Extract.



Conforms with Regulation (EU) 2019/1009 of the European Parliament and the Council of 5 June 2019 (EU fertilising products)

## DIRECTIONS FOR USE

The spray tank should be filled with half of the required amount of water. Measure the required amount of OMEX Bio 20 and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.



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**DILUTION:** Recommended water rate is  
500-1500 Litres per hectare

**Always shake container before opening**



## Recommendations for use:

CROP	RATE l/ha	RATE ml/100l	APPLICATION DETAILS
Cereals	2.5	600	1 – 2 applications
Citrus	1.5-3.0	100-200	2-3 applications with 15 day intervals
Fruits and Vines	1.5-3.0	100-200	Apply before flowering. Repeat every 15 days.
Ornamentals	1.0-2.0	50-100	Use low rate on young or delicate plants
Potatoes	2.0-3.0	400	1 – 2 applications early in crop cycle
Sugar Beet	3.0	500	1 – 2 applications early in crop cycle
Vegetables	2.0-2.5	200	2 – 4 applications once transplants established
Rice			
Seed nursery	3.0	300	1-2 applications - before transplanting
Root soak	-	200	Soak roots prior to transplanting
Post transplant	2.0	200	Apply at tillering

## TANK MIXING COMPATIBILITY

OMEX Bio 20 is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regard to physical tank mixing and biological effects on the crop. However, OMEX cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volumes of water used.

## PRECAUTIONS

OMEX Bio 20 should be stored in frost free conditions with optimum storage range between 5-40°C. OMEX Bio 20 is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate. In situations of prolonged storage there may be slight settling of the nutrient particles. This is reversible on shaking.

**PACKING:** OMEX Bio 20 is available in HDPE drums of 0.25L, 0.5L, 1L, 3L, 5L, 10L capacity. Drums are fitted with tamper evident closures. 200 and 1000 Litre mini bulk available.